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DATE: October 5, 2004

FOR: Examiner Shun K. Lee

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FROM: Kaushik P. Sriram

RE: **Serial No.: 10/730,552****Docket No.: 584-35673-US****Title: "Method and Apparatus for Determining the  
Thermal Neutron Capture Cross-Section of a  
Subsurface Formation from a Borehole"****RECEIVED  
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Preliminary Amendment

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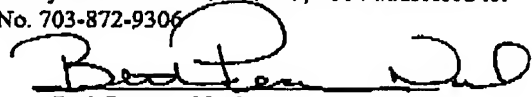
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Beth Pearson Naul**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANT: W. Allen Gilchrist et al.	§	Group Art Unit: 2878
	§	
SERIAL NO.: 10/730,552	§	
	§	
FILED: December 8, 2003	§	Examiner: LEE, SHUN K
	§	
TITLE: "Method and Apparatus for Determining the Thermal Neutron Capture Cross-Section of a Subsurface Formation from a Borehole"	§	Confirmation No.: 1482
	§	
	§	Atty Docket No.: 584-35673-US
	§	

**PRELIMINARY AMENDMENT**

Prior to any substantive action in the case, please amend the application as indicated below. Amendments to the claims start on page 2 of this document.